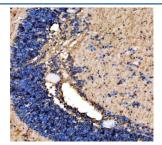


Zebrafish Ago4 Antibody / Argonaute 4 (RZ1001)

Catalog No.	Formulation	Size
RZ1001	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	2-3 weeks
Species Reactivity	Zebrafish
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	K4IAH1
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE) : 2-5 ug/ml
Limitations	This Zebrafish Ago4 antibody is available for research use only.



Immunohistochemical analysis of Zebrafish Ago4 using Zebrafish Ago4 antibody and zebrafish cerebellum tissue. HIER: steam section in pH8 EDTA buffer for 20 min.

Description

AGO4 (Argonaute 4) is also known as EIF2C4. This gene encodes a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic containing PAZ and PIWI domains, and it may play a role in short-interfering-RNA-mediated gene silencing. This gene is located on chromosome 1 in a cluster of closely related family members including argonaute 3, and eukaryotic translation initiation factor 2C, 1.

Application Notes

Optimal dilution of the Zebrafish Ago4 antibody should be determined by the researcher.

Immunogen

An E.coli-derived zebrafish Ago4 recombinant protein (amino acids K116-L161) was used as the immunogen for the Zebrafish Ago4 antibody.

Storage

After reconstitution, the Zebrafish Ago4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.